

# SOUTH PRODUCTION NOTES

February 5, 2014  
Afternoon Shift

BASF EMPLOYEES  
74 Last Recordable  
219 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.  
Bldg 31 is now regulated due to the running of the Si-1624 material

**#1 MED Si-1624:** Continue running. End seals must be greased every shift. ( manually )

Day shift: Continue

Afternoon Shift:

Midnight shift:

**#1 RC / Si-1624:** Continue calcining. Per engineer, still going to feed bags with fallen liners at end of run.

Day shift: Continue.

Afternoon Shift:

Midnight shift:

Exhaust to F-1

**#2 MED line/ Cu-1230:** Completed job. Mixer has been scraped and the pulva and extruder should be also scraped.

Day Shift: No activity.

Afternoon Shift:

Midnight shift:

**#2 RC/ Cu-1230:** Continue. MAKE SURE THE LABELS ARE ON STRAIGHT AND THE DRUMS AND PALLETS ARE CLEAN. Many drums are needing to be relabeled. Keep feed rate at 400 lbs per hour. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. We will run and monitor until the replacement gear box comes in.

Day shift: Last bag has been fed. Make sure that we reverse the calciner at some point to empty it out.

Afternoon Shift:

Midnight Shift:

Exhausting to CTO

**#3 MED line / D-1798 NAQ:** Continue on through the end of second shift. At that time we will stop making batches. We will then initiate a very good clean up of the dryer in preparation for D-1799. D-1799 will be fed through the dryer after being impregnated with AMT.

**Day shift:** We will run the extruder through second shift at which point we will stop and only feed the calciner. The dryer will have to be cleaned extremely well going into D-1799.

**Afternoon Shift:**

**Midnight Shift:**

**#3 RC/ D-1798 NAQ:** Continue.

**Day shift:** We will continue to feed until all material has been fed. At that time we will start clean up consisting of running Al-Ox as flush through the calciner, including the dryer spiral elevator.

**Afternoon Shift:**

**Midnight shift:**

**Exhausting to CTO**

**Old Pfaudler – D-1799:** Pfaudler and hopper rinsed.

**Day Shift:** No activity.

**Afternoon Shift:**

**Midnight shift:**

**Tank 7 / AMT for D-1799 NAQ:** We will receive AMT bags on Thursday morning.

**Day shift:** No activity.

**Afternoon Shift:**

**Midnight shift:**

**New Pfaudler / Ni-2458 (2<sup>nd</sup> dip) :** Lot 56 OK to use (bags 1-9). Bill Grodecki will advise how and when to use bags 10 and 11. However, need to make solution tank first (batch instructions for “half” tank is on Mike V’s desk, scheduled for midnight shift)

**Day shift:** Made one regular Batch. Second shift to make a partial batch (half a batch) and then we will wait until morning to make special batch with bags 10 and 11.

**Afternoon Shift:**

**Midnight shift:**

**Tank 6 / Ni Solution:** WATCH TEMPS ON TANK!!! We will have to make a partial tank to accommodate at least two more batches (bag 10 and 11 and possibly one more batch of first dip).

**Day shift:** No activity; 10.7% solution.

**Afternoon Shift:**

**Midnight Shift:**

**National Dryer / Ni 2458 (2<sup>nd</sup> dip) :** Keep temperature close to 80 degrees. **Green**  
labels for 2<sup>nd</sup> dip material.  
**Day shift:** Continuing.  
**Afternoon shift:**  
**Midnight shift:**

**#4 RC / Ni 2458 (2<sup>nd</sup> dip):** Down until we correct issues with #5.  
**Day shift:** Down  
**Afternoon Shift:**  
**Midnight shift:** Continued to feed.

**Exhaust to Trimer**

**PK Blender / 1520:** Blender, tank and lines ready for 1520  
**Day shift:** Start impregnations. We will be using 118 bags to start with.  
**Afternoon Shift:**  
**Midnight shift:**

**HC-11 Tanks – 1520:** Purple glass fragments were found in the dike after the tank lines were cleared (suspected to be part of the tank lining, but no damage could be seen from the top of the tank). However, we need to inspect the tank. We are going to continue toting off solution from Tank 6 until it is empty. At that point we will inspect the tank for damage. **DO NOT PUMP TANK 4 SOLUTION INTO TANK 6 WHEN IT IS EMPTY until verified.**

**Day shift:**  
**Afternoon Shift:**  
**Midnight Shift:**

**#5 RC / OxyVinyl Catoxid:** New HEPA filter has been installed and the feed has been re-started. Keep an eye on the pressure drops. We will only feed small bags to the RC – any large bags must be removed and set aside for repacking through PK at a later date.  
**Day shift:** Installed new HEPA filter and re-started the feed. Keep a close eye on it.  
**Afternoon Shift:**  
**Midnight shift:**

**Exhaust to 5DC when feeding**

**Tower 3 / Cu-1230:** On hold. Waiting for part for mass spec.

**Day shift:** Still on Hold.

**Afternoon shift:**

**Midnight Shift:**

**Tower 6 / Cu-1986:** On hold. Waiting for part for mass spec.

**Day shift:** Still on Hold.

**Afternoon shift:**

**Midnight Shift:**

**Harrop Kiln - Al-3921 T 3/16”:** Down... saggars have been removed, screener parts at TK#2

**Day shift:** Down

**Afternoon Shift:** Down

**Midnight Shift:** Down.

**North Screener / Cu 1230:** Screener switched to Cu 1230

**Day shift:** Ready for Cu-1230

**Afternoon Shift:**

**Midnight shift:**

**South Screener / Cu 1986:** Continue on days.

**Day shift:** Continue

**Afternoon Shift:**

**Midnight shift:**

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:** Down.

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

**Day shift:** Down

**Afternoon Shift:** Down.

**Midnight shift:** Down. Waiting for material.

**Tunnel Kiln #4 / Cu-0540 done: HOLD**

**Day shift: No activity**

**Afternoon Shift: Down.**

**Midnight shift: Down.**

**#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.**

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